UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/802,163	03/16/2004	Ramanathan Kasiviswanathan	200209086-1	4154

22879   7590   01/28/2008
HEWLETT PACKARD COMPANY
P O BOX 272400, 3404 E. HARMONY ROAD
INTELLECTUAL PROPERTY ADMINISTRATION
FORT COLLINS, CO 80527-2400

EXAMINER
OYEBISI, OJO O

ART UNIT	PAPER NUMBER
3694	

NOTIFICATION DATE	DELIVERY MODE
01/28/2008	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

JERRY.SHORMA@HP.COM
mkraft@hp.com
ipa.mail@hp.com

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| Office Action Summary | Application No.
10/802,163 | Applicant(s)
KASIVISWANATHAN ET AL. |
| | Examiner
OJO O. OYEBISI | Art Unit
3694 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *01 November 2007*.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-19* is/are pending in the application.

   4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-19* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

   Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

   Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   a)☐ All   b)☐ Some * c)☐ None of:

   1.☐ Certified copies of the priority documents have been received.

   2.☐ Certified copies of the priority documents have been received in Application No. _____.

   3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

   * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)	4) ☐ Interview Summary (PTO-413)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____.
3) ☐ Information Disclosure Statement(s) (PTO/SB/08)	5) ☐ Notice of Informal Patent Application
Paper No(s)/Mail Date _____.	6) ☐ Other: _____.

DETAILED ACTION

In the amendment filed on 10/19/2007, the following have occurred: Claims 5, 10, and

13 have been amended, new claim 19 has been added, and claims 1-19 are now

pending in this application.

Claim Rejections - 35 USC § 112

1.   The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly
> claiming the subject matter which the applicant regards as his invention.

2.   Claims 1-9 are rejected under 35 U.S.C. 112, second paragraph, as being

indefinite for failing to particularly point out and distinctly claim the subject matter which

applicant regards as the invention. The applicant recites the limitation "determining a

need for transmitting the primary transaction request to another host." The examiner

contends that there would be no need for the applicant's system to make this

determination since each transaction request is already mapped to a specific

destination host in the routing table of the switch, thus transmitting the primary

transaction request to another host would not be feasible, what might be feasible is

"determining a need for transmitting the primary transaction request to another node or

another communication path" in case the first node or communication path is busy or

overloaded. Clarification is needed.

Claim Rejections - 35 USC § 102

3.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4.   Claims 1-19 are rejected under 35 U.S.C. 102(e) as being anticipated by Ofir et al (Ofir hereinafter, US PAT: 7,219,149).

Re claims 1, 2-4. Ofir discloses a method of handling a financial transaction in a transaction switch, the method comprising the steps of: receiving a primary transaction request from an initiator (see col.3 lines 37-41); identifying a host from a routing table for receiving the primary transaction request based on details provided in the primary transaction request (see fig.4 element 410, also see fig.5 element 510, also see col24 lines 1-23); transmitting the primary transaction request to the identified host (i.e., the host receives the card authorization request, see col.30 lines 15-25, also see col.24 lines 14-24); receiving a response from the identified host (i.e., the host responds and the response is returned to the service node, see col.30 lines 18-22, also see fig.4 element 412), determining a need for transmitting the primary transaction request to another host (i.e., **the Client Node selects a route to forward the transaction based on, in part, the service name, link capacity, configuration, and processor loading.** Assuming it is forwarded directly to a Service Node 25b, the Service Node 25b then forwards the transaction to the Financial Transaction Processor 36 according to the protocol used to interconnect the Host 36 and the Service Node 25b. The Host and Service Node are directly connected via a private line 34, see col.30 lines 5-20); and

interpreting the response received and transmitting a final outcome back to the initiator

(see fig.5 elements 530, 532 and 531, see col.14 lines 10-27, see col.30 lines 25-45)

(see col.29 line 20-col.30 line 60, see the abstract and the summary of the invention).

Re claims 5, 6-9. Ofir discloses a method of handling a composite financial transaction

in a transaction switch, the steps comprising: receiving a primary transaction request

from an initiator (see col.3 lines 37-41); identifying the transaction as a composite

transaction wherein the composite transaction comprises a transaction type and a

payment type (i.e., Ofir states that the Terminal Adapter determines the appropriate

Host to relay the financial transaction information based on information provided by the

Network 33.   Thus, if the information provided to network 33 states that the transaction

is multi-host, inherently this transaction would be relayed to the appropriate hosts,

 see col.16 lines 60-67, also see simple transaction and sessions transaction col.15 line

s 1-65); preparing a plurality of transaction packets for transmission to a plurality of

hosts based on the transaction type and the payment type (see col. 30 lines 10-15);

receiving a plurality of responses at the switch from the plurality of hosts (i.e., the host

responds and the response is returned to the service node, see col.30 lines 18-22, also

see fig.4 element 412), and interpreting the plurality of responses and transmitting a

final outcome to the initiator (see col.30 lines 20-25) (see col.30 lines 25-45, see col.29

line 20-col.30 line 60, see the abstract and the summary of the invention).

Re claims 10, 11-12. Ofir further discloses a transaction switch comprising: means for

processing a transaction request (see fig.1 –fig.4); means for identifying the transaction

as multi-host (i.e., Ofir states that the Terminal Adapter determines the appropriate Host

to relay the financial transaction information based on information provided by the

Network 33. Thus, if the information provided to network 33 states that the transaction

is multi-host, inherently this transaction would be relayed to the appropriate hosts,

see col.16 lines 60-67, also see simple transaction and sessions transaction col.15 line

s 1-65); means for identifying the transaction as composite (i.e., Ofir states that the

Terminal Adapter determines the appropriate Host to relay the financial transaction

information based on information provided by the Network 33. Thus, if the information

provided to network 33 states that the transaction is multi-host, inherently this

transaction would be relayed to the appropriate hosts, see col.16 lines 60-67, also see

simple transaction and sessions transaction col.15 line s 1-65); means for identifying the

transaction as both multi-host and composite (i.e., Ofir states that the Terminal Adapter

determines the appropriate Host to relay the financial transaction information based on

information provided by the Network 33. Thus, if the information provided to network 33

states that the transaction is multi-host, inherently this transaction would be relayed to

the appropriate hosts, see col.16 lines 60-67, also see simple transaction and sessions

transaction col.15 line s 1-65); means for identifying a first host for processing the

transaction (see col.14 lines 62-67, see fig.12A) ; and means for interpreting a response

from the host after processing the transaction and determining a need for further

processing (see fig.5 elements 530, 532 and 531, see col.14 lines 10-27, col.30 lines

20-25) (see col.30 lines 25-45, see col.29 line 20-col.30 line 60, see the abstract and

the summary of the invention).

Re claims 13, 14-17. Ofir discloses a financial transaction handling system comprising:

an initiator for initiating a primary transaction request (see fig.12b element 1289); a

transaction switch in communication with the initiator (see fig.1 element 24); and at least

one host in communication with the transaction switch for processing the transaction

request (see fig.4 element 404 and fig.5 element 504); wherein the transaction switch

comprises: means for processing the primary transaction request (see fig.3-fig.5, also

see col.3 lines 35-60); means for identifying the primary transaction request as multi-

host or composite or both type of request (see col.30 lines 1-15, also see col.29 lines

55-65); means for identifying the at least one host for sending the primary transaction

request thereto (see col.29 lines 62-66, also see col.30 lines 8-20, also see fig.5

element 510) ; and means for interpreting a response from the at least one host and

determining a need for further processing (see col.30 lines 20-25) (see col.30 lines 25-

45, see col.29 line 20-col.30 line 60, see the abstract and the summary of the

invention).

Re claims 18, 19. Ofir further discloses a program storage medium readable by a

computer, tangibly embodying a program of instructions executable by the computer to

perform method steps for handling a financial transaction in a transaction switch (see

the abstract and the summary of the invention), the method steps comprising the steps

of: receiving a primary transaction request from an initiator (see col.3 lines 37-41);

identifying a host from a routing table for receiving the primary transaction request

based on details provided in the primary transaction request (see fig.4 element 410,

also see fig.5 element 510); transmitting the primary transaction request to the identified

host (i.e., the host receives the card authorization request, see col.30 lines 15-25);

receiving a response from the identified host (i.e., the host responds and the response

is returned to the service node, see col.30 lines 18-22, also see fig.4 element 412),

determining a need for transmitting the primary transaction request to another host; and

interpreting the response received and transmitting a final outcome back to the initiator

(see col.30 lines 25-45) (see col.29 line 20-col.30 line 60, see the abstract and the

summary of the invention).

Response to Arguments

Applicant's arguments filed on 10/19/2007 have been fully considered but they

are not persuasive. The applicant argues in substance that Ofir fails to disclose plurality

of hosts. Contrary to the applicant's assertion, Ofir explicitly makes this disclosure (see

fig.12 A elements 1293, see fig.5 element 510 "route simple request to nearest, least

busy host." Note if there is only one host then why route to the nearest and least busy

host as stated in fig.5 element 510, certainly this is an evidentiary statement that Ofir

teaches plurality of hosts).

The applicant further argues in substance that Ofir fails to teach "determining a

need for transmitting the primary transaction request to another host." Contrary to the

applicant's assertion, Ofir explicitly makes this disclosure (i.e., **the Client Node selects**

a route to forward the transaction based on, in part, the service name, link

capacity, configuration, and processor loading. Assuming it is forwarded directly to

a Service Node 25b, the Service Node 25b then forwards the transaction to the

Financial Transaction Processor 36 according to the protocol used to interconnect the

Host 36 and the Service Node 25b. The Host and Service Node are directly connected

via a private line 34, see col.30 lines 5-20).

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time

policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to OJO O. OYEBISI whose telephone number is (571)272-

8298. The examiner can normally be reached on 8:30A.M-5:30P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, JAMES TRAMMELL can be reached on (571)272-6712. The fax phone

number for the organization where this application or proceeding is assigned is 571-

273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

o.o

ELLA COLBERT
PRIMARY EXAMINER